

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date: May 1, 2007 [X] Consent [] Regular

[] Ordinance [] Public Hearing

Department: Facilities Development & Operations

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Work Order No. 07-004 with Siemens Building Technologies, Inc. (R2006-2103) in the amount of \$226,875 to provide an upgrade of the existing control panels to the Siemens Apogee Building Automation System in the Judicial Center Building.

Summary: The work consists of replacing the existing hardware within the 15 control panels, programming upgrades, and the training needed to use the system. The SBE goals for the annual HVAC contracts are 15%. The SBE participation in this work order is 0%. Work orders issued to date for all eight annual HVAC contracts include a combined SBE participation of 37.2%. The construction duration for this work is 180 days. (FD&O Admin) District 7 (JM)

Background and Justification: Siemens is the sole source of replacement parts and software for the existing Building Automation Control System in the Judicial Center. This system controls the HVAC systems as well as the Firefighter-Smoke Control system. This system was installed when the building was built. New technology has been developed since then with improvements to the system. This old system is outdated and requires upgrading. This work order will provide the new software and replacement hardware required for this upgrade, utilizing the existing control panels, conduit, wiring, sensors, and end devices. A new system other than Siemens would require new control panels, etc., greatly increasing the cost.

Attachments:

- 1. Work Order
- 2. Contractor's Cost Proposal/Sole Source Letter
- 3. Budget Availability Statement

Approved by:

| County Administrator | Date | County Administrator | County Adm

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of	Fiscal Impact	t:			
Fiscal Years	2007	2008	2009	2010	2011
Capital Expenditures		-0-		0-	0-
Operating Costs	250,000	-0-		0-	-0-
External Revenues	-0-	-0-	-0-	0-	-0-
Program Income (County)	· ·	0-	-0-	-0-	0
In-Kind Match (County)	-0-	0-	<u>-0-</u>	-0-	0
NET FISCAL IMPACT	250,000	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)		·			
Is Item Included in Current Budg	get? Yes	<u>XX</u> No_			
Budget Account No: 386	04-411-B330-4 3804-411-	1620 100,00 B351-4907 ¹			
B. Recommended Sources of F	unds/Summary	of Fiscal Impa	ct:		
C. Departmental Fiscal Review			226,875 8,125 15,000 50,000		
	III. <u>R</u> E	EVIEW COMME	NTS:		
A. OFMB Fiscal and/or Con OFMB B. Legal Sufficiency: Assistant County At	1/19/07	\mathcal{M}^{\prime}	Of Contrac	Dev. and Consomplies with currenticies.	ţ
C. Other Department Revie	w:		to a	will algored Bone bonown Comen K,	x prov

WORK ORDER Work Order #07-004

Annual Contract: HVAC

R-2006-2103

То	Siemens Building Technologies Inc. 2969 SW 42 nd Ave. Palm City, FI 34990 Attn: David Galla
Project Location Project # Title Scope of Work:	07304
Amount of W.O.: Requisition Date:	
Account Number:	3804-411-B330-4620 (\$100,000.00) 3804-411-B351-4907 (\$126,875.00)
Vendor Code:	SIEM0006
PBC Representative:	Procurement & Project Implementation Group 12/21/06 Date
Approval:	Director, Facilities Development & Operations 3/26/07 Date
Approval:	County Attorney Date
Approval:	Addie L. Greene, Chairperson Board of County Commissioners DAVID GALLA DIRECTOR
Acknowledgment:	David Balla, Slemens Building Technologies, inc. Date
SBE % Participation-to	Date 37.2 %
SBE % Participation th	Assistant Secretary
*Specific goals for this	contract are 15%.
COPIES TO: APPROVED BY LEGAL	☐ Contract Development & Control Lisa Juliano ☐ Finance Brad Rubinson ☐ Fixed Assets Angelo DiPierro ☐ FD&O Fiscal Larry Schaner
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SIEMENS

Proposal

Palm Beach County Government

1018DL-06 No.:

12/06/2006 Date:

Project:

Upgrade Existing SCU Control Panels to New Siemens Apogee Building Automation

Proposal

Siemens Bullding Technologies, Inc. proposes to furnish and install the automatic temperature controls to upgrade the existing Siemens System to the latest version of hardware and software. Proposal is based on the attached scope of work.

Summary included:

- Judicial building will have the SCU, DPU and MPU's controllers upgraded to latest version of hardware.
- MBC's will be upgraded with the latest Open Processor
- New Operators Server and 2 Laptops
- Point renaming and database update.
- Provide all required network wiring, materials, and labor for upgrade.

Building:	(Cost	minus	SCU panel rebate		total)
Judicial Building	\$200,1		315,000.00 SCU Rebate)		\$ 185,165.00
Operators Worksta	tion, Lapto	ps, softwa	are, Training, Client Licens	es	\$ 28,310.00
Point database ren	aming:				\$ 13,400.DO
Total for Project i	s: \$226,8	75.00			

The Terms and Conditions of Sale shown on the attached are a part hereof Proposal Submitted: Proposal Accepted: Siemens Building Technologies, Inc., Siemens Building Technologies, Inc. is authorized to proceed with the work as proposed. 296 - Palm City Branch Seller Purchaser By Dan Lague By Account Executive Titie Title 12/06/2006 Date Date This proposal is valid for 30 days Terms Net 30 Page

Siemens Building Technologies, Inc.

2969 SW 42nd Avenue Palm City, Florida 34990

Tel: (772) 419-2820 Fex: (772) 223-7130

SIEMENS

Scope of Work

Siemens Building Technologies proposes to provide the materials and Labor to upgrade the Siemens Control Panels in the Judicial Building. The SCU to MBC 32 Migration Kit backplane assemblies will fit inside the existing SCU enclosures and use existing conduit, wiring, sensors, and end devices.

Panels to be retrofitted:

The following is will be provided:

15-SCU to MBC retrofitted panels. (SCU's 8 through 22)

- 15 SCU to MBC Backplane, with Two Module Bus ralls with 16 slots on each rail
- □ 15 115V Service Box, and Power cable.
- 15 Power Modules
- D 110 Al Point Termination Modules
- 39 DI Point Termination Modules
- 56 DO Point Termination Modules.
- D 15 LAO Electric Point Termination Modules.
- A3- LAO Pneumatic Point Termination Modules

16 - Existing MBC's.

□ 16 – The Open Processor's will be upgraded to the latest available processor. The new processor will have the latest firmware from Siemens which provides more trending, programming, speed, and point capacity in addition to Siemens adaptive learning capabilities. The processor speed will be at 47MHz where the existing open processor is at 4MHZ. Finally by upgrading to the latest controller module memory will be at 128k instead of 4k this will provide more memory for future expansions without changing or upgrading the hardware.

B - Expander panels.

6 - DPU's and 2 - MPU's will be upgraded to point expander blocks.

Apogee Computer and Software

Computer, Printer and Software:

- (1) Dell PowerEdge 1800 with (2) 3.8GHz/2MB Cache, 800MHz FSB and 2GB DDR2 Memory, 19" Flat panel.
- (1) Epson FX-890 Printer
- (2) Laptops, Dell Latitude D610 or latest
- Install 4 additional user Licenses and upgrade the Siemens Apogee 3.7. The additional user licenses will allow 4 users to log on the system at the same time. Install and upgrade all graphics, Reno, and Apogee functions for the 4 owner user computers and new Apogee server
- 16 Hours Onsite Training.

Point database renaming:

The 2085 points in the data base will be renamed and descriptors will be added for point clarification. In addition, programming and descriptor lines will be updated and added.

Other Services.

- Electrical Installation of new control back planes. Majority of the installation will be done during working hours. The network wiring will have to be installed after hours.
- System Specialist start-up and checkout during normal working hours

 Engineering programming Setup and Calibration. All equipment is UI

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Siemens Building Technologies, Inc.

2969 SW 42nd Avenue Palm City, Florida 34990

Tel: (772) 419-2820 Fax: (772) 223-7130

Facility Section:
□North (□West)
☐ South
☐Governmental Center
☐Criminal Justice Complex
(UStockade / West)
☐ Central
☐ Security
☐ Parking



Director

Michael Boroviak

Facilities Management Division Facilities Development & Operations

INTERDEPARTMENTAL MEMORANDUM

To:

Colleen Cardillo, Purchasing Buyer

From:

Mike Boroviak, Director,

Facilities Management Division

Date:

May 26, 2004

Reference:

Sole Source - Term Contract #SS 150095B

Facilities Management Division requests a term contract for <u>Siemens Building Technology</u> based on the following justification.

Based on our past experience, expertise and a comprehensive search of the market place, the Siemens Building Technologies Landis Division is the only vendor which provides the services that we require and, to the best of our knowledge, no other vendor can duplicate.

Siemens is the only vendor that can provide Firefighter-Smoke Control System Inspection Testing and Repairs for the installed systems at the Judicial Center and States Attorney/Public Defender building.

For the above documented reasons I request be considered for approval as a sole source procurement.

Cc: Audrey Wolf

2004 MAY 28 AM 8:23

BUDGET AVAILABILITY STATEMENT

REQUEST DATE:11/13/06

REQUESTED BY: Allen Padilla

PHONE:233-2053

PROJECT TITLE: Judicial Ctr Building Automation Control Upgrade

PROJECT NO.: # 07304

LOCATION: 205 North Dixie Highway West Palm Beach

LOCATION DESCRIPTION: Courthouse at Judicial Center

BUILDING NUMBER: 603

PALM BEACH COUNTY
P.P.I.G.

CONTRACTOR/CONSULTANT NAME: Siemens Building Technologies, Inc.

PROVIDE A BRIEF STATEMENT OF THE SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT/CONTRACTOR: Furnish and install the automatic controls to upgrade the existing Siemens System to the latest version of hardware and software.

WILL THIS AMENDMENT CHANGE THE ESTIMATED COST OF THE PROJECT? IF YES, PROVIDE ESTIMATES OF THE NEW COSTS:

CONSTRUCTION	<u>\$226,875.00</u>
ARCHITECTURE/ENGINEER	
*STAFF COSTS	<u>\$8,125.00</u>
EQUIPMENT/ OTHER	
CONTINGENCY	\$15,000.00
TOTAL	\$250,000,00

By signing this BAS your department agrees to these staff costs and your account will be charged upon receipt of this BAS by FD&O. Unless there is a change in the scope of work, no additional staff charges will be billed.

BUDGET ACCOUNT NUMBERS (IDENTIFY ALL SOURCES) FUNDING SOURCE (CHECK ALL THAT APPLY)

FUND:	AGENCY:	ORG:	OBJ:	SUBOBJ:	- \$100K
\	411 141	B 330 T	3351 - 4	1907	450K
AD VALOREM	□ OT	HER	□ FEDERA	L/DAVIS BAC	CON
			*		

SUPPLEMENTAL AGREEMENT PO BE APPROVED BY: Department Director (WO<\$50,000)

ANTICIPATED DATE OF APPROVAL:

BAS APPROVED BY:

ENCUMBRANCE NUMBER: